

# CALIFORNIA ENERGY COMMISSION



APPLY TODAY

FOR  
TECHNICAL  
ASSISTANCE

# Bright Schools Program

NEW CONSTRUCTION



MODERNIZATION



DEFERRED MAINTENANCE



ENERGY AUDITS




# THE BRIGHT SCHOOLS PROGRAM

## ENERGY-EFFICIENT SCHOOLS FOR A BRIGHTER FUTURE

### **MOST SCHOOLS SPEND MORE MONEY ON ENERGY EACH YEAR THAN ON SCHOOL SUPPLIES**

But yours doesn't need to. You can lower your school's energy bills using off-the-shelf, energy-efficient lighting and HVAC systems. Energy-efficient equipment reduces annual maintenance costs and can conserve finite resources and improve air quality. Many administrators have said that our recommendations and assistance led to better learning environments and increased test scores. Also, savings from these systems are proven—typically reducing annual utility bills an average of 20 percent. Just imagine where you could spend those savings.

### **The Bright Schools Program can help**



Whether you are building a new school, modernizing an existing one, or just wondering how your school can save on energy bills, the Bright Schools Program can help. This California Energy Commission program offers specific services to help you become more energy wise, such as identifying cost-effective energy-efficient systems to meet your needs and providing design and implementation assistance for your projects.

### **New School Construction**

Schools built with energy-efficient designs will cost less to operate, offering continuous savings and leaving more money for education. Many new schools incorporate equipment and building measures that barely meet recommended energy-efficiency standards. However, many of these designs could be improved with little or no additional expense. Bright Schools provides technical assistance early in the design phase, before the plans are solidified. The savings accumulate from the first day of operation!



### **FOR NEW SCHOOL CONSTRUCTION, BRIGHT SCHOOLS CAN:**



**Provide design  
consultation**



**Identify cost-effective  
energy-saving measures**

**Compare different  
technologies**



**Develop specifications for  
energy-efficient equipment**



**Help select architects and  
other design professionals  
with school construction and  
energy-efficiency expertise**



**Review construction plans**

**Complete value engineering  
of specific energy-efficiency  
measures**





## School Modernization, Deferred Maintenance, and Energy Audits

Bright Schools can help you get the most from your modernization and maintenance investments. With an evaluation of your five-year deferred maintenance plans or an energy audit of your facilities, you could identify energy-related projects that should be implemented immediately as part of a comprehensive Bright Schools energy package. Schools planning major renovations can benefit from our technical assistance. The program identifies state loans and other financing to get your projects installed.

### FOR SCHOOL MODERNIZATION AND DEFERRED MAINTENANCE EFFORTS, BRIGHT SCHOOLS CAN:

Conduct energy audits and feasibility studies

Review existing proposals and designs

Provide equipment bid specifications

Assist with contractor selection

Assist with installations



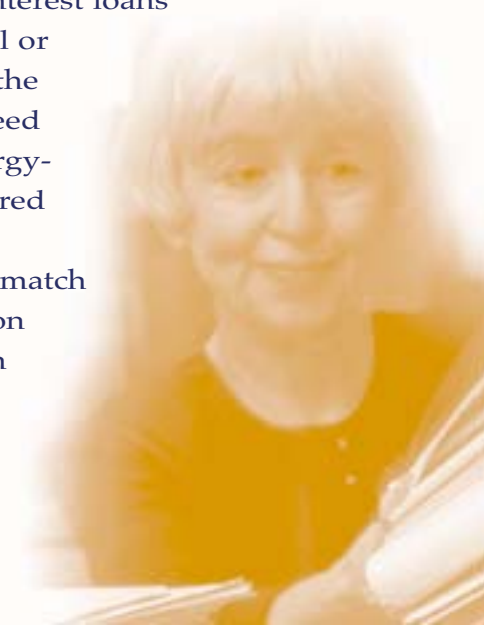
## How much does Bright Schools' technical assistance cost?



The Bright Schools Program provides technical assistance by experienced engineering and architectural consultants. The program covers up to \$20,000 of their costs. This amount could cover audits for one or more facilities or could cover many facilities with some cost-sharing from you.

## Bright Schools collaborates with key state programs

Our staff works closely with the Office of Public School Construction, the Division of the State Architect, and the California Department of Education to ensure that recommended projects meet program eligibility requirements. We can help you secure low-interest loans to provide all or a portion of the funds you need for your energy-related deferred maintenance project, or to match modernization funding from other State programs.



# THE BRIGHT SCHOOLS PROGRAM

## THE APPLICATION PROCESS

### HOW DO I APPLY FOR TECHNICAL ASSISTANCE?

- 1. Complete the enclosed application.**
- 2. Enclose supplemental information.**  
Provide copies of any relevant information on your project, such as past energy studies, annual utility bills, preliminary plans, and your deferred maintenance five-year plan (SAB 40-1).
- 3. Governing Board Resolution.**  
We may need a resolution from your governing board before providing technical assistance. After reviewing your application and conducting a preliminary site visit, the Energy Commission staff will inform you if a resolution is necessary.
- 4. Mail your application and supplemental information to:**  
California Energy Commission  
Bright Schools Program  
Nonresidential Buildings Office  
1516 Ninth Street, MS 26  
Sacramento, CA 95814-5512

### HOW WILL YOU EVALUATE MY APPLICATION?

School districts must show a strong commitment to implement the cost-effective project recommendations that the Bright Schools Program identifies. The application must indicate how you plan to implement and fund recommended projects. Also, the Governing Board Resolution must demonstrate your district's commitment to implementing the cost-effective recommendations.



**All publicly funded K-12 school districts and nonprofit K-12 schools are eligible for assistance from the Bright Schools Program.**

### WHEN IS MY APPLICATION DUE?

Bright Schools is a continuously open program with no final filing date. Program funds are limited, however, so filing promptly will help increase your chances of receiving assistance. Applications will be accepted on a first-come, first-served basis.

**For more information, look at the Bright Schools Program Web Site at**  
**<[www.energy.ca.gov/efficiency/brightschools](http://www.energy.ca.gov/efficiency/brightschools)>**  
**or call the California Energy Commission at (916) 654-4008.**

# THE BRIGHT SCHOOLS PROGRAM

## THE PROCESS

### APPLICATION

You provide information about the assistance you want.

### EVALUATION

Energy Commission staff reviews your application and verifies your commitment to implementing Bright Schools recommendations.

### SITE VISIT (OPTIONAL)

Energy Commission staff meets with your district's project team to discuss the project, review plans, and tour your facilities.

### PROPOSAL

Based on the application and site visit, Energy Commission staff determines whether the Bright Schools Program can provide technical assistance. The proposal may indicate potential energy efficiency projects, benefits and scope of the technical assistance, and the cost of the service.

### TECHNICAL ASSISTANCE SERVICES

The Bright Schools Program provides the desired services identified in the Agreement.

### BRIGHT SCHOOLS PROGRAM SERVICES AGREEMENT

Energy Commission staff determines whether a Governing Board Resolution will be needed before providing technical assistance. If your agency will be sharing the technical assistance cost with us, a services agreement will be developed and signed by both of our agencies.

### PROJECT REVIEW

Your agency reviews and comments on the Bright Schools Program technical documents and assistance and identifies the projects to be implemented.

### PROJECT COMPLETE

Energy Commission staff will be available for consultation after the project is installed. This is the start of lower annual energy costs and improved facilities.

### FINANCING SECURED (OPTIONAL)

School district secures financing to implement and complete projects—with State, private, or internal financing or a combination of funds. Some projects may qualify for loans from the Energy Commission.

### INSTALLATION/CONSTRUCTION ASSISTANCE (IF REQUESTED)

The Bright Schools Program consultants can help prepare preliminary equipment bid specifications, select contractors, review proposals and designs, and /or assist your contractors with project commissioning. During construction, Energy Commission staff can be available for consultation.





## What School Districts Say About the Bright Schools Program

*Thanks to the Bright Schools Program, we have eliminated wasted and provided a better learning environment for our students and teachers due to our new lighting and HVAC projects.*

**Bob Macauley**  
Director of Facilities and Support Services  
Live Oak School District

*The Bright Schools Program helped us identify and install our lighting project. Our project was completed in four days! A pleasant experience for all!*

**Douglas E. Henderson**  
Superintendent  
Oak Valley Union School District

*After Installing our energy savings projects, we started an energy awareness program for our students and teachers. This has instilled the energy-efficiency ethic in our students – our future energy consumers and decision-makers.*

**Bob Nixon**  
Supervisor of Maintenance Operations  
Riverdale Unified School District

*Our energy-efficiency projects have cut our energy costs. More importantly, they also improved safety, communications, and morale. It is difficult to imagine how we managed without them.*

**Judy Long**  
Director of Business Services  
Carmel Unified School District

*Long term financing and extra funds to spend on instructional programs – the Bright Schools Program is an opportunity that school districts cannot afford to miss!*

**Dr. Ronald T. Randolph, Superintendent**  
**Pearl Iizuka, Assistant Superintendent for Business**  
Lowell Joint School District

*Without the Commission's financial assistance and expert field engineering, the project never would have happened. We have reduced both our energy and maintenance costs!*

**Leighton Ratkey**  
Director of Maintenance and Operations  
Lassen Union High School District

**Arnold Schwarzenegger**  
Governor

**Michael Chrisman**  
Secretary for Resources



February 2004

**California Energy Commission**

**Bright Schools Program**

**Public Programs Office**

**1516 Ninth Street, MS 42**

**Sacramento, CA 95814-5512**

**[www.energy.ca.gov/efficiency/brightschoools](http://www.energy.ca.gov/efficiency/brightschoools)**

**California Energy  
Commission  
Chairman**  
William J. Kease

**Commissioners**  
B. B. Blevins  
James D. Boyd  
John L. Geesman  
Arthur H. Rosenfeld

**Executive Director**  
Robert L. Therkelson

**California Energy Commission**  
*Bright Schools Program*  
**Application for Technical Assistance**

District Name \_\_\_\_\_

Mailing Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Street Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Contact Person \_\_\_\_\_ Signature \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number \_\_\_\_\_ E-mail \_\_\_\_\_

**Please complete the following:**

1. I'm applying for the following type of technical assistance (check all that apply):
  - ☐ New construction design assistance
  - ☐ Energy-project-related modernization assistance
  - ☐ Energy-project-related deferred maintenance assistance
  - ☐ Energy assessment (audits) of my facility
2. For each item checked above, describe your project(s) and why you need assistance.
3. For each item checked above, describe the status and schedule of your project(s). Discuss the status of any applications, pending actions, and approvals with the State Allocation Board, Office of Public School Construction, California Department of Education, or the Division of the State Architect.

4. Describe current contracts or relationships with architects, consultants, energy services companies, utilities, or other. Indicate any work with external parties on projects similar to those for which you are requesting assistance.
  
5. Describe how your district plans to implement and fund any feasible energy options that we may identify. The Energy Commission will give preference to applicants who demonstrate a willingness to install viable energy efficiency measures. Nonprofit K-12 schools must provide recent annual financial statements.
  
6. If you are requesting assistance for more than one school, prioritize your schools (both existing and planned) from highest to lowest. Use additional pages if needed.

School Name and Address	Technical Assistance Desired				Year School Built (excluding portables)	Estimated Building Size (square feet)
	New Construction	Modernization	Deferred Maintenance	Energy Audit		
<b>Example:</b> Pioneer School 1234 Pioneer Street Capitol, CA 95814		✓			1952	54,000

**Mail to:** California Energy Commission  
Bright Schools Program  
Public Programs Office  
1516 Ninth Street, MS 42  
Sacramento, CA 95814-5512

**If you have questions call: (916) 654-4147**



**California Energy Commission**  
*Bright Schools Program*  
**Governing Board Resolution**

**Resolution No.** \_\_\_\_\_

Resolution of \_\_\_\_\_  
SCHOOL BOARD

Whereas, the California Energy Commission has developed the Bright Schools Program to provide technical assistance to school districts; and

Whereas \_\_\_\_\_ authorizes  
SCHOOL BOARD

\_\_\_\_\_ to apply for technical assistance; and  
SCHOOL DISTRICT

Whereas, the \_\_\_\_\_ recognizes that  
SCHOOL DISTRICT

the California Energy Commission has limited funds available to provide technical assistance and that primary consideration will be given to those school districts that have a desire and willingness to seek funding to implement the feasible recommended energy-efficiency measure(s);

Now Therefore Be it Resolved, that \_\_\_\_\_  
SCHOOL DISTRICT

is willing to seek funding to implement viable energy-saving measure(s) and therefore requests technical assistance to identify such measures as may be economically feasible.

Be it Also Resolved, that if the Applicant is required to share in the cost of the technical assistance provided by the Bright Schools

Program, \_\_\_\_\_  
SCHOOL BOARD

authorizes \_\_\_\_\_ to reimburse the California  
NAME OF APPLICANT

Energy Commission an amount not to exceed \$ \_\_\_\_\_ .  
APPLICANT'S SHARE OF ASSISTANCE COST

Be it Also Resolved, that the amount to be reimbursed will be paid in full, under the terms and conditions of the Bright Schools Program Services Agreement of the California Energy Commission.

Be it Also Resolved, that \_\_\_\_\_ is hereby  
TITLE OF SCHOOL DISTRICT OFFICIAL\*

authorized and empowered to execute in the name of \_\_\_\_\_  
SCHOOL DISTRICT

all necessary documents to implement and carry out the purposes of this resolution.

(OVER)

Passed, Approved, and Adopted this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

MONTH

YEAR

Signatures of School Board Members


\*A title (e.g., Superintendent, Business Manager, etc.) rather than a name simplifies transactions when there are personnel changes.